FWL 251

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY



C-O-N-F-I-D-E-N-T-I-A-L

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| COUNTRY | Poland | REPORT NO. | [redacted] |
| SUBJECT | Earth-Fill Dam and Filtering Station in Goczalkowice | DATE DISTR. | 25 October 1955 |
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| DATE OF INFO. | [redacted] | REQUIREMENT NO. | RD |
| PLACE ACQUIRED | | REFERENCES | |
| DATE ACQUIRED | | | |

SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

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LIBRARY SUBJECT AND AREA CODES--30

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| STATE | # X | ARMY | # X | NAVY | # X | AIR | # X | FBI | | AEC | | | | | |
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(Note: Washington distribution indicated by "X"; Field distribution by "#".)

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INFORMATION REPORT INFORMATION REPORT

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REPORT NO. [redacted]

25X1A [redacted]



COUNTRY Poland

DATE DISTR. 23 August 1955

SUBJECT Earth-Fill Dam and Filtering Station in Goczalkowice

NO. OF PAGES 10

25X1A

DATE OF INFORMATION [redacted]

REFERENCES:

PLACE ACQUIRED [redacted]

25X1X THIS IS UNEVALUATED INFORMATION

[redacted]

1. Wisla River - Approximately 55m wide at this point.

25X1X 2. Goczalkowice Artificial Lake (Zalew Goczalkowicki) - Approximate
25X1X dimensions, 15km long, 6km wide, and 7m deep. When last ob-
25X1X served [redacted] it was under construction.
[redacted] 25X1X
[redacted] stating that
the designated area was flooded [redacted] 25X1X

3. Pumping Station - Was under construction when observed by source.

4. Barracks Area - Living quarters for engineers. Approximately 12 barracks, wood construction, 10mx5mx3.5m. Low gable roof covered with tarpaper. One to two families lived in each barrack.

5. Ditch - For water pipeline from the pumping station to the filtering station. For further information see point 1, para 2, this report.

6. New Gravel Road - Constructed in 1951 - 1952, five to six meters wide. This road was built in order to directly connect the dam construction area and the filtering station with Pszczyna.

7. Filtering Station Area - For further information see para 2, this report.

8. Water Pipeline - Ran from filtering station to Stalinogrod. For further information see point 6, para 2, this report.

9. Stalinogrod-Bielsko Highway - Asphalt, eight meters wide, poor condition. Medium vehicular traffic.

10. Single Track Railroad - For further information see point 7, para 2, this report.

11. Double Track Railroad, Stalinogrod - Bielsko - Heavy passenger and freight traffic. Freight trains ran about every 15 minutes, passenger trains about every hour. Usually the trains from Stalinogrod were loaded, those to Stalinogrod were empty.

12. Pipeline - Used for filtering waste. For further information, see point 9, para 2, this report.

13. Gravel Road - Eight to nine meters wide, constructed 1951 - 1952. This road was specially built to connect the dam and the filtering station directly with the highway, point 9, this paragraph.

14. Barracks Area - Living quarters for workers. Wood constructions, 20mx6mx3.5m. Low gable roof covered with tarpaper. Number of barracks unknown.

15. Earth-Fill Dam - For further information see para 3 and pages 8 and 9, this report.

16. Newly Channelled Wisla River - About 75m wide.

2. See page 6, source's memory sketch of the filtering station construction area on which source identified the following points:

1. Ditch - For water pipeline from the pumping station to the filtering station. This ditch was three meters wide. No pipes were being laid when last observed by source.

2. Barrack - Wood construction, 25mx7mx3.5m. Low gable roof covered with tarpaper. Source believed it to be living quarters.

3. Gravel Road - Same as point 13, para 1, this report.

4. Storehouse - Barrack, wood construction, 25mx7mx3.5m. Source believed construction materials were to be stored there.

5. Filtering Station Construction Area - When last observed by source, the construction was in the beginning stage. Source observed excavations and foundations for several buildings which he believed were to be the main buildings necessary for the filtering process.

6. Water Pipeline - Ran from filtering station to Stalinogrod. The tile pipes were about 35cm underground. The sections of pipe were of two sizes and were laid on a concrete foundation. For form and dimensions of pipes see figures 3, 4, and 5, page 7, this report. The water pipeline was planned to carry seven cubic meters of water per second, but during the construction it was estimated that it will be able to carry only six cubic meters of water per second.

7. Single Track Railroad - Branch from the double track railroad (para 1, point 11) built especially for the filtering station. This railroad ran partly on an earth-fill, partly in a cut.

8. Open Wall Construction - Used for the storage of construction materials, 70mx11mx6m. Gable roof covered with tile supported by concrete and wooden pillars.

9. Water Filtering Waste Pipeline - Emptied into a stream. The ditch for the pipeline was about four meters deep and 2.5m wide; the pipes were made of tile. For the form and dimensions of the pipe sections see figures 1 and 2, page 7, this report.

10. Dirt Road.

11. Mesh Wire Fence - Approximately 1.5m high.

12. Excavation and Foundation - Probably for one building.

13. Administration Building - Two-story brick construction, 18mx8m; gable roof covered with tile. This building was completed in the spring of 1954.

3. See page 8, source's memory sketch of the top view of the earth-fill dam in Goczalkowice:

1. Earth-Fill - About three kilometers long, eight meters high, twenty-five meters wide at base and six meters wide at top. "I" beams were driven into the ground at an angle, and wire nets were put on the side of the fill to prevent the earth from sliding.

2. Gravity Section - Reinforced concrete construction. For front view and dimensions, see page 9, this report. Source could not state if the water was to pass over the top, or through the dam. He believed there were one or two openings in each spillway but could not give their shape or dimensions.

3. Reinforced Concrete Wall - Seven meters high and twenty-five meters long.

4. Concrete Channel - Approximately 115m wide. The walls of this channel were built at a 35° angle. Their depth was five meters. It emptied into the regulated Wisla channel.

5. First Step - Seven meters from the dam. This step was built at a 45° angle, and was one meter high.

6. Second Step - Built at a 45° angle, one meter high.

7. Third Step - Built at a 45° angle, one meter high.

8. Concrete Wall - Approximately 1.5m high and .5m wide. The channel between this wall and the northern wall of the main channel was called the storm channel (kanal burzowy).

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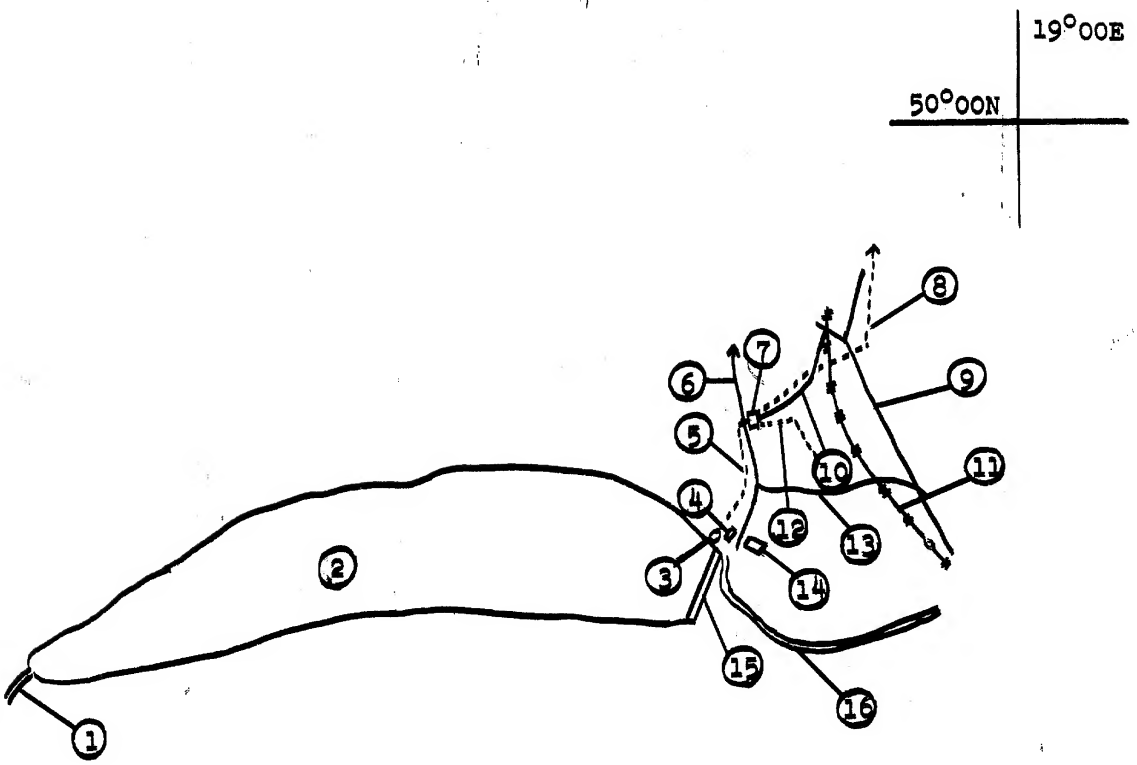
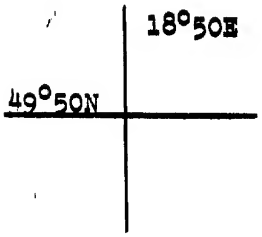



OVERLAY ON G.S.G.S. 4416
SHEET T-13 1:100 000
RYBNIK



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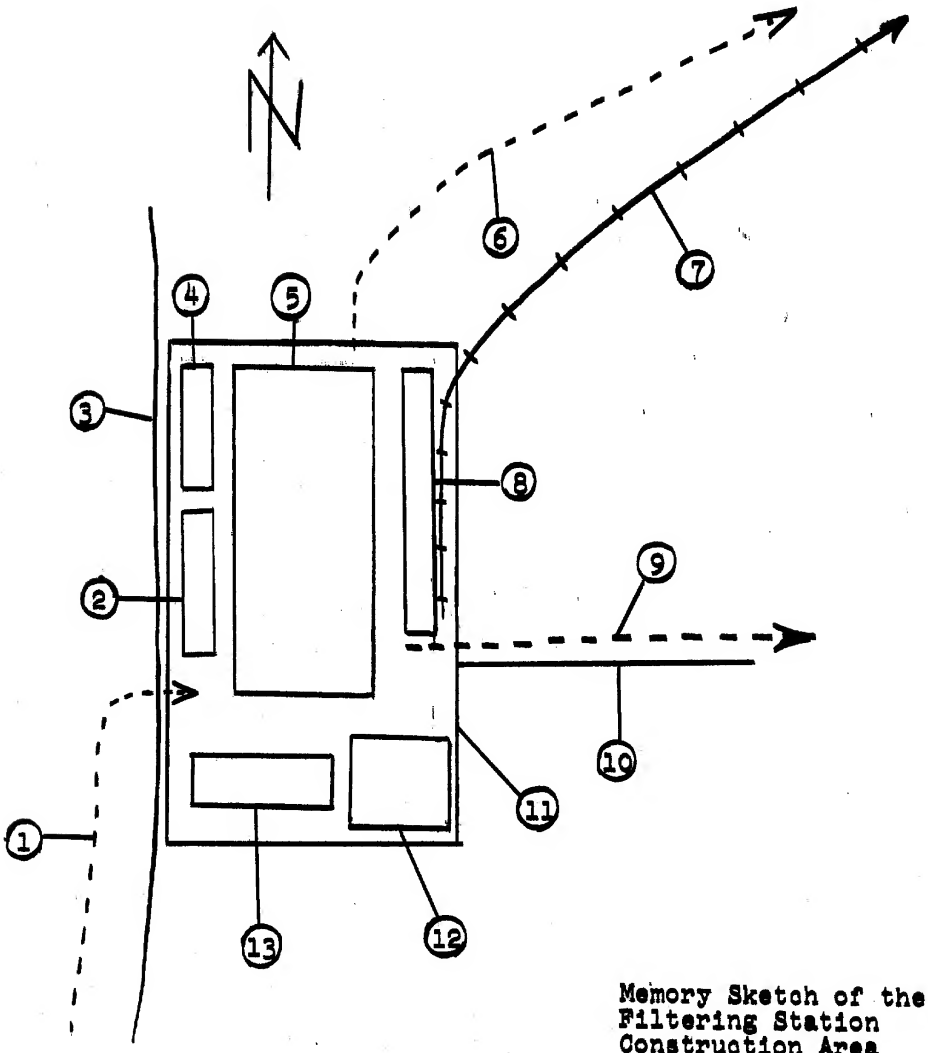



Memory Sketch of the
Filtering Station
Construction Area

Fig. 1
Sideview

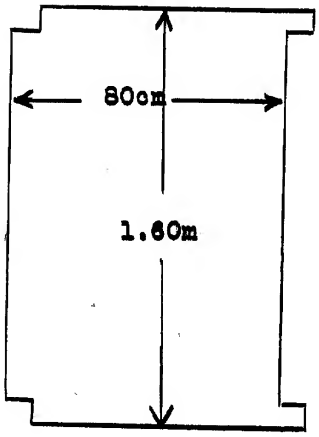



Fig. 2
Frontview

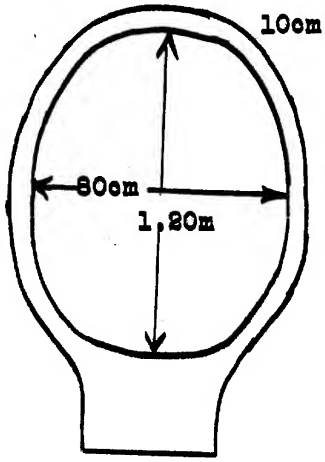



Fig. 3
Sideview

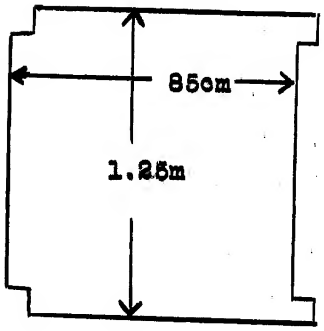



Fig. 4
Frontview

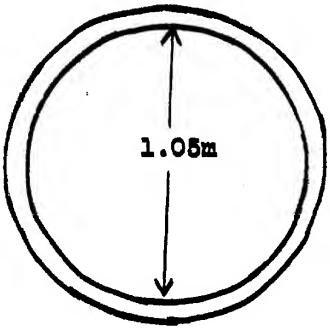
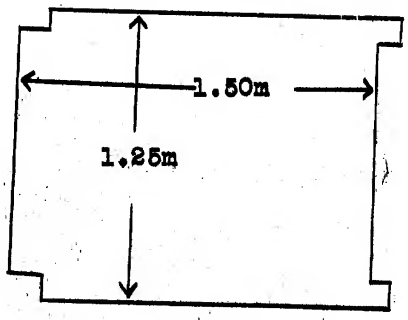



Fig. 5
Sideview




Memory Sketch of
Water Pipes

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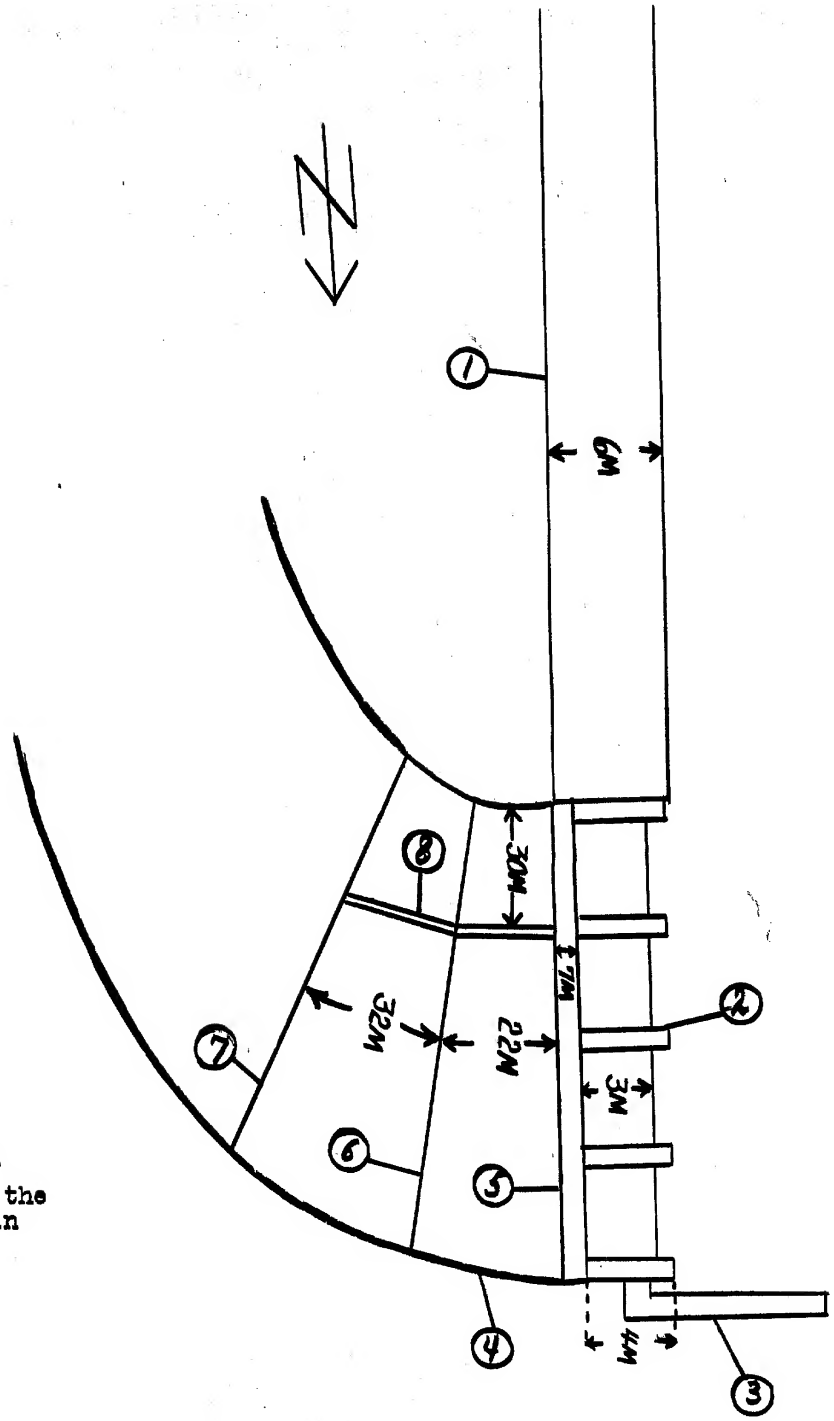
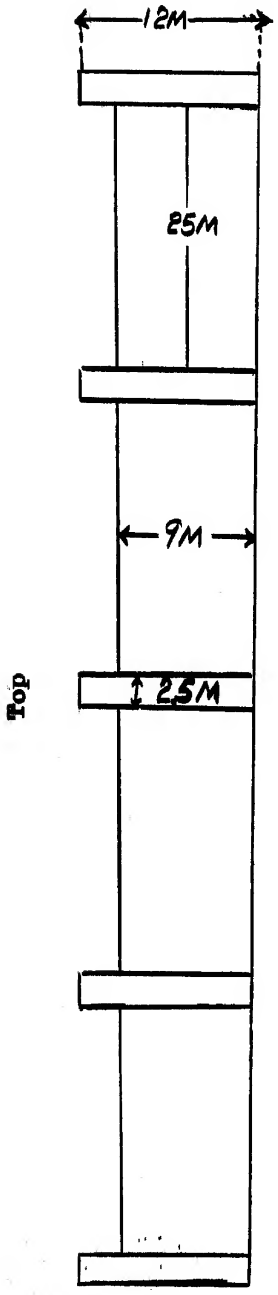



Memory Sketch of the Top View of the Earth Fill Dam in Goczalkowice




Memory Sketch of the Gravity Section of the Earth Fill Dam in Goczalkowice

Frontview